

GRADUATE
FOLLOW-UP REPORT
UNIVERSITY OF MINNESOTA DULUTH

2018-2019

Mathematics

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2018-19 UMD Graduate Follow-up Report

Mathematics

(Bachelor of Science)

Annual Comparison

July 1 to June 30	2014-15	2015-16	2016-17	2017-18	2018-19
Students Granted Baccalaureate Degrees	34	23	25	37	43
Baccalaureate Degree Respondents	28 82%	19 83%	21 84%	32 86%	38 88%
Respondents Employed	23 82%	14 74%	12 57%	17 53%	31 82%
Respondents Employed in Minnesota	22/23 96%	10/14 71%	10/12 83%	13/17 76%	23/31 74%
Respondents Continuing Education	4 14%	4 21%	8 38%	12 38%	7 18%
Internship Participation Respondents	26 76%	17 74%	20 80%	29 78%	34 89%
Respondents completing an internship or co-op experience (not student teaching)	8 31%	4 24%	0 0%	11 38%	9 26%
Respondents receiving academic credit for their internship or co-op experience	2/8 25%	1/4 25%	0/0 na	2/10 20%	2/7 29%
Respondents receiving payment for their internship or co-op experience	7/8 88%	4/4 100%	0/0 na	10/10 100%	7/7 100%
Respondents receiving an offer of employment from the internship or co-op site	5/8 63%	1/4 25%	0/0 na	6/10 60%	3/7 43%
Respondents accepting the employment offer	2/5 40%	1/1 100%	0/0 na	4/6 67%	2/3 67%
Study Abroad Participation Respondents	26 76%	17 74%	20 80%	29 78%	31 82%
Respondents participating in a study abroad program	2 8%	0 0%	2 10%	3 10%	2 6%

Baccalaureate Statistics

Awarded Majors ¹	Survey Respondents ²	Employed	Cont Ed Undergrad	Cont Ed Grad/Prof	Not Seeking	Actively Seeking	No Info	Employed w/State Given	Employed in Minnesota	Employed in Minnesota	% Employed	% Placed ³
43	38	31	0	7	0	0	5	31	23	74%	82%	100%

Reported Annual Salaries⁴

# Respondents	Low	High	Mean	Median
23	29120	88000	50075	48000

Job Relevance to Major

	Related	Somewhat Related	Not Related	No Response
Respondents	17	10	4	0
% of Total Respondents	55%	32%	13%	

Internships

Completed an internship ⁵			Received academic credit for it			Was paid			Received an offer of employment			Accepted the offer		
Respondents ⁶	# Yes	% Yes	Respondents	# Yes	% Yes	Respondents	# Yes	% Yes	Respondents	# Yes	% Yes	Respondents	# Yes	% Yes
34	9	26%	7	2	29%	7	7	100%	7	3	43%	3	2	67%

Study Abroad

# Respondents	Studied Abroad		Did not study abroad		No response	
	Number	Percent	Number	Percent	Number	Percent
31	2	6%	29	94%	7	18%

¹ "Awarded Majors" includes all majors completed by an individual

² "Survey Respondents" includes all majors completed by an individual and does not include "No Info"

³ "% Placed" includes "Survey Respondents" who are "Employed," "Continuing Ed" and "Not Seeking"

⁴ Salary data is available when 3 or more full-time employed respondents provided salary information and includes all majors completed by an individual

⁵ "Internship" includes internship or co-op, but not student teaching

⁶ "Respondents" includes all majors completed by an individual

Where Students Interned Prior to Graduation

Andersen Corporation
Bank of China
Microlution
Snap!NStall

Surescripts
United States Department of Energy, Waste
Isolation Pilot Plant
UMD, Center for Economic Development

Wells Fargo
ZheShang Securities

Employed & Continuing Education After Graduation

acpi American Industrial Partners, Waconia, MN - Account Specialist
ALLETE Minnesota Power, Duluth, MN - Regulatory Revenue
Management Analyst
Allianz, Minneapolis, MN - Data Analyst
American Bank of the North, Hibbing, MN - Credit Analyst
Andersen Corporation, Oak Park Heights, MN - Business Analyst
Animal Allies Humane Society, Duluth, MN - Adoption Counselor
Aon, Minneapolis, MN - Catastrophe Modeling Analyst
Federated Insurance, Owatonna, MN - Rating Specialist
Four Wands Farms, Corvallis, OR
Gabriel, Roeder, Smith & Company, Southfield, MI - Analyst
IBM, Rochester, MN - Software Engineer
Insight Global, St. Paul, MN
Lake Superior School District ISD 381, Two Harbors High School, Two
Harbors, MN - Mathematics Teacher
Mortgage Insurance Corporation, Lynnwood, WA - Data Entry Specialist
NAPA Auto Parts, Duluth, MN - Counter Sales
North Shore Bank, Duluth, MN - Business Banking Specialist
P5 Sports, Oakdale, MN - Store Manager
Pearson VUE, Bloomington, MN - Associate Cloud Engineer
Plymouth Public Schools, Plymouth, MN - 8th Grade Mathematics Teacher
Poet, Sioux Falls, SD - IT Help Desk
Progress Rail, Hudson, WI - Signal Engineer III
Quora Education Center, Little Canada, MN - Educational Assistant

RBC Wealth Management, Minneapolis, MN - Investment Associate
Self-employed, Shenzhen, China - Individual Investor
Spokengear, Two Harbors, MN - Financial Manager
ThreeBridge, Eden Prairie, MN - Data Scientist
UnitedHealth Group, UnitedHealthcare, Duluth, MN - Claims Adjuster
United States Air Force, Panama City, FL - 2nd Lieutenant
United States Department of Energy, Waste Isolation Pilot Plant, Carlsbad,
NM
UPS, Maple Grove, MN - Inventory Specialist
Willis Towers Watson, Bloomington, MN - Pension Analyst

Graduate School, Computer Science, Pennsylvania State University,
University Park, PA
Graduate School, Computer Science, University of Minnesota Duluth,
Duluth, MN
Graduate School, Financial Risk and Statistical Theory & Applications,
University of Toronto, Toronto, ON, Canada
Graduate School, Mathematical Sciences, University of Minnesota Duluth,
Duluth, MN
Graduate School, Mathematics, North Dakota State University, Fargo, ND
Graduate School, Mathematics, Northern Illinois University, DeKalb, IL
Graduate School, Mathematics, University of Massachusetts Amherst,
Amherst, MA